

TABLE 2B TO SUBPART E OF PART 59—REACTIVITY FACTORS FOR ALIPHATIC HYDROCARBON SOLVENT MIXTURES

| Bin | Average boiling point* (degrees F) | Criteria | Reactivity factor (g O ₃ /g VOC) |
|----------|------------------------------------|-------------------------------------------------|---------------------------------------------|
| 1 | 80–205 | Alkanes (<2% Aromatics) | 2.08 |
| 2 | 80–205 | N- & Iso-Alkanes (≥90% and <2% Aromatics) | 1.59 |
| 3 | 80–205 | Cyclo-Alkanes (≥90% and <2% Aromatics) | 2.52 |
| 4 | 80–205 | Alkanes (2 to <8% Aromatics) | 2.24 |
| 5 | 80–205 | Alkanes (8 to 22% Aromatics) | 2.56 |
| 6 | >205–340 | Alkanes (<2% Aromatics) | 1.41 |
| 7 | >205–340 | N- & Iso-Alkanes (≥90% and <2% Aromatics) | 1.17 |
| 8 | >205–340 | Cyclo-Alkanes (≥90% and <2% Aromatics) | 1.65 |
| 9 | >205–340 | Alkanes (2 to <8% Aromatics) | 1.62 |
| 10 | >205–340 | Alkanes (8 to 22% Aromatics) | 2.03 |
| 11 | >340–460 | Alkanes (<2% Aromatics) | 0.91 |
| 12 | >340–460 | N- & Iso-Alkanes (≥90% and <2% Aromatics) | 0.81 |
| 13 | >340–460 | Cyclo-Alkanes (≥90% and <2% Aromatics) | 1.01 |
| 14 | >340–460 | Alkanes (2 to <8% Aromatics) | 1.21 |
| 15 | >340–460 | Alkanes (8 to 22% Aromatics) | 1.82 |
| 16 | >460–580 | Alkanes (<2% Aromatics) | 0.57 |
| 17 | >460–580 | N- & Iso-Alkanes (≥90% and <2% Aromatics) | 0.51 |
| 18 | >460–580 | Cyclo-Alkanes (≥90% and <2% Aromatics) | 0.63 |
| 19 | >460–580 | Alkanes (2 to <8% Aromatics) | 0.88 |
| 20 | >460–580 | Alkanes (8 to 22% Aromatics) | 1.49 |

* Average Boiling Point = (Initial Boiling Point + Dry Point)/2(b) Aromatic Hydrocarbon Solvents

[77 FR 14286, Mar. 9, 2012]

TABLE 2C TO SUBPART E OF PART 59—REACTIVITY FACTORS FOR AROMATIC HYDROCARBON SOLVENT MIXTURES

| Bin | Boiling range (degrees F) | Criteria | Reactivity factor (g O ₃ /g VOC) |
|----------|---------------------------|-------------------------------|---------------------------------------------|
| 21 | 280–290 | Aromatic Content (≥98%) | 7.37 |
| 22 | 320–350 | Aromatic Content (≥98%) | 7.51 |
| 23 | 355–420 | Aromatic Content (≥98%) | 8.07 |
| 24 | 450–535 | Aromatic Content (≥98%) | 5.00 |

[77 FR 14286, Mar. 9, 2012]

Subpart F—Control of Evaporative Emissions From New and In-Use Portable Fuel Containers

SOURCE: 72 FR 8533, Feb. 26, 2007, unless otherwise noted.

OVERVIEW AND APPLICABILITY

§ 59.600 Does this subpart apply for my products?

(a) Except as provided in § 59.605 and paragraph (b) of this section, the regulations in this subpart F apply for all portable fuel containers (defined in § 59.680) that are manufactured on or after January 1, 2009.

(b) See § 59.602 (a) and (b) to determine how to apply the provisions of

this subpart for containers that were manufactured before January 1, 2009.

§ 59.601 Do the requirements of this subpart apply to me?

(a) Unless specified otherwise in this subpart, the requirements and prohibitions of this subpart apply to all manufacturers and importers of portable fuel containers. Certain prohibitions in § 59.602 apply to all other persons.

(b) New portable fuel containers that are subject to the emissions standards of this part must be covered by a certificate of conformity that is issued to the manufacturer of the container. If more than one person meets the definition of manufacturer for a portable fuel container, see § 59.621 to determine if you are the manufacturer who may